



U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop PATENT APPLICATION  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

Transmitted herewith for filing is the patent application of:

**Inventor(s): Kazuyuki IKEDA**  
**For: VARIABLE RESISTOR**

Applicant(s) claim(s) benefit under 35 U.S.C. § 119(e) of United States provisional application No. \_\_\_\_\_ filed \_\_\_\_\_

**Enclosed are:**

11 Pages of Specification  
 11 Sheet(s) of drawings ( formal  informal)  
 Declaration and Power of Attorney  Will follow.  
 Form PTO-1595 and an Assignment of the invention Murata Manufacturing Co., Ltd. of 26-10 Tenjin 2-chome, Nagaokakyō-shi, Kyoto-fu 617-8555, JAPAN  Will follow  
 A certified copy of Japanese Patent Appln. No. 2003-071941 filed March 17, 2003, from which priority is claimed in the subject case pursuant to Rule 55b and 35 U.S.C. 119.  Will follow  
 Request for Non-publication of Application Under 35 USC 122(b)(2)(B)(i)  
 Information Disclosure Statement, Form PTO 1449, and 2 cited reference(s).  
 Change of Correspondence Address  
 Information Sheet  
 General authorization/request to Petition for Extensions of Time  
 Return Postcard

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE				\$385.00	OR		\$770.00
TOTAL CLAIMS	16	-0-	X 9	\$	OR	X 18	\$0
INDEP CLAIMS	1	-0-	X 43	\$	OR	X 864	\$0
<input type="checkbox"/> MULTIPLE			X 145	\$	OR	+ 290	\$
DEP CLAIMS			TOTAL =			TOTAL:	\$770.00
PRESENTED							

Please charge my Deposit Account No. 50-1353 the amount of \$ \_\_\_\_\_. A duplicate copy of this sheet is enclosed.  
 Check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.  
 Please charge my Credit Card the amount of \$770.00. Please see the enclosed Credit Card Payment Form (PTO-2038)  
 Credit Card Payment Form for \$40.00 covering the Assignment Recordation Fee is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1353. A duplicate copy of this sheet is enclosed.  
 Any additional filing fees required under 37 CFR 1.16.  
 Any patent application processing fees under 37 CFR 1.17.  
 The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-1353. A duplicate copy of this sheet is enclosed.  
 Any patent application processing fees under 37 CFR 1.17.  
 The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).  
 Any filing fees under CFR 1.16 for presentation or extra claims.

Respectfully submitted,

Joseph R. Keating  
Registration No. 37,368

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16834 U.S. PTO  
10/7/35765

121603



VIA HAND DELIVERY  
PATENT  
36856.1175

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kazuyuki IKEDA

Serial No.: Currently unknown

Filing Date: Concurrently herewith

For: VARIABLE RESISTOR

**GENERAL AUTHORIZATION/REQUEST TO PETITION FOR EXTENSIONS OF TIME**

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop PATENT APPLICATION  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Dear Sir:

With reference to the subject application, and pursuant to 37 C.F.R. § 1.136, Applicant(s) hereby authorize(s) and request(s) the Commissioner to treat any correspondence requiring a petition for extension of time as containing such a request therefor for the appropriate length of time. This general authorization is effective during the pendency of this application, including any division or continuing application therefrom.

General Authorization/Request  
To Petition for Extensions of Time  
December 16, 2003  
Page 2 of 2

Where no check is received by the Commissioner, you are hereby authorized to charge payment of the requisite petition fees, or charge any additional fee required under 37 C.F.R. § 1.17, or credit any overpayment of same, to Deposit Account No. 50-1353.

Respectfully submitted,

Date: December 16, 2003



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of: Kazuyuki IKEDA  
For: VARIABLE RESISTOR**

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**CERTIFICATE OF HAND DELIVERY**

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop PATENT APPLICATION  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

Date of Deposit: December 16, 2003

I hereby certify that an application for patent, including:

One-page cover sheet; 11 pages of Specification (which includes 16 claims and a one-page Abstract); 11 Sheets of Formal Drawings; an executed Combined Declaration and Power of Attorney; a General Authorization/Request to Petition for Extensions of Time; a Credit Card Payment Form (PTO-2038) authorizing a charge to my credit card in the amount of \$770.00 to cover the filing fee; an executed Assignment document and Form PTO 1595, along with a Credit Card Payment Form (PTO-2038) authorizing a charge to my credit card in the amount of \$40.00 to cover the assignment recordation fee; a Transmittal Letter (Form PTO 1082); one (1) Certified Priority Document; an Information Disclosure Statement with two (2) references; and Return Postcard are being deposited with the U.S. Patent Office at the Customer Service Window of the U.S. Patent Office on the date indicated above and is addressed to the Commissioner for Patents, Mail Stop Patent Application, Arlington, VA 22202.

Date of Deposit: December 16, 2003

  
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Joseph R. Keating